Reviewed for Code Compliance
Inspection Division
Approved with Conditions

Date: 04/07/15

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL #	FINISH	MOUNTING	LAMPS TYPE	LAMPS CODE	LAMPS QTY.	FIXTURE WATTS	VOLTAGE	APPROVED MANUFACTURERS	NOTES
A	OFCI	CEILING FAN W/ LIGHT KIT	-	SURFACE	INCAND	60W MAX	3	180	120	-	1,4,5,6
B	OFCI	VANITY LIGHT	-	SURFACE	INCAND	60W MAX	4	240	120	-	1,6

NOTES:
1. FIXTURE SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE WITH ARCHITECT / OWNER FOR INSTALLATION REQUIREMENTS.
2. FIXTURE LAMP AND BALLAST SHALL BE CAPABLE OF OPERATING DOWN TO 0 DEGREES F AND UP TO 110 DEGREES F.
3. FIXTURE SHALL BE LISTED FOR OUTDOOR USE AND SHALL BE UL LISTED FOR DAMP OR WET LOCATION AS REQUIRED.
4. FIXTURE SHALL BE IC RATED WHERE INSTALLED IN CONTACT WITH INSULATION.
5. FIXTURE SHALL BE FIRE RATED OR INSTALLED WITHIN A FIRE RATED ENCLOSURE WHERE RECESSED IN CEILING.
6. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT AND LOCATION.
7. PROVIDE PROVIDE FIXTURE WITH EMERGENCY BATTERY BACK-UP FOR MINIMUM 90-MINUTES OPERATION.
8. PROVIDE CLIPS OR MEAN OF SUPPORT AS REQUIRED TO COMPLY WITH N.E.C. ARTICLE 410-16.

2 PARTIAL SECOND FLOOR ELECTRICAL IMPROVEMENT PLAN
1/8" = 1'-0"

1 PARTIAL SECOND FLOOR ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

ELECTRICAL SYMBOLS:

- EXIT LIGHT; WALL MOUNTED / CEILING MOUNTED
- FLUORESCENT LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- WALL-MOUNT LIGHT FIXTURE
- 20AMP, SINGLE POLE, 120/277V SWITCH
- 3 — 20AMP, THREE-WAY, 120/277V SWITCH
- SIMPLEX RECEPTACLE; 2P, 3W, 20A, 125V
- 14-30 — SIMPLEX RECEPTACLE; NEMA CONFIGURATION AS INDICATED
- DUPLEX RECEPTACLE; 2P, 3W, 20A, 125V
- 42" — DUPLEX RECEPTACLE; MOUNTED @ 42" ABOVE FINISHED FLOOR
- C — DUPLEX RECEPTACLE; INSTALLED FLUSH WITH CEILING
- AC — DUPLEX RECEPTACLE; MOUNTED 6" ABOVE COUNTERTOP BACKSPLASH
- GF — DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER
- TV — DUPLEX RECEPTACLE FOR TV; COORDINATE MOUNTING HEIGHT WITH ARCHITECT AND TV SUPPLIER/INSTALLER
- SW — DUPLEX RECEPTACLE; SWITCHED
- WP — DUPLEX RECEPTACLE; WEATHERPROOF WHILE-IN-USE
- DOUBLE DUPLEX RECEPTACLE WITH COMMON FACEPLATE
- RECEPTACLE MOUNTED IN FLUSH FLOOR BOX. REFER TO SPECIFICATIONS
- JUNCTION BOX – CEILING MOUNTED
- J — JUNCTION BOX – WALL MOUNTED
- PANEL LP1 — LIGHTING & POWER PANELBOARD
- MDP — ELECTRICAL EQUIPMENT. REFER TO SCHEDULE FOR TAGGED EQUIPMENT
- DST — DISCONNECT SWITCH
- CONDUIT CONCEALED IN CEILING OR WALL
- CONDUIT CONCEALED IN FLOOR SLAB
- #12 CONDUCTORS, TICK MARKS INDICATE QUANTITY
- P1-1 — HOME RUN WITH PANEL AND CIRCUIT DESIGNATION
- LP1-2 — PARTIAL HOME RUN WITH PANEL AND CIRCUIT DESIGNATION
- GROUND WIRE
- F — FEEDER PER SCHEDULE
- TELECOMMUNICATIONS OUTLET
- TV — CABLE TELEVISION OR MATV OUTLET. COORDINATE MOUNTING HEIGHT WITH ARCHITECT AND TV SUPPLIER/INSTALLER

SMOKE DETECTOR NOTE:

1. ALL GUEST ROOM SMOKE DETECTORS SHALL BE FIRE ALARM SYSTEM ADDRESSABLE TYPE.
2. SMOKE DECTECTION AT GUESTROOM SMOKE DETECTOR SHALL ACTIVATE ANNUNCIATION DEVICES WITHIN A SINGLE SUITE/STUDIO OR GUEST UNIT; NOT AT ALL GUESTROOMS THROUGHOUT THE HOTEL. SMOKE DETECTION AT A GUESTROOM DETECTOR SHALL ALSO INDICATE AN ALARM AT FACP, REMOTE FIRE ALARM SYSTEM ANNUNCIATORS AND REMOTE MONITORING (AS PROGRAMMED BY CERTIFIED SYSTEM INSTALLER).

LOW VOLTAGE CONDUIT NOTES:

1. CONTRACTOR SHALL PROVIDE 3/4" CONDUIT FROM EACH LOW VOLTAGE DEVICE AT GUESTROOM/SUITE TO NEAREST HUB ROOM/LOCATION. EXCEPTION: IN LIEU OF THE TV LOCATION BOXES HAVING SEPARATE DEDICATED CONDUIT, CONTRACTOR MAY PROVIDE (1) 1" CONDUIT TO FIRST BOX AND CONTINUE 3/4" CONDUIT TO SECOND TV LOCATION BOX.
2. PRIOR TO INSTALLATION, CONTRACTOR SHALL OBTAIN COPY OF HOTEL BRAND STANDARDS. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT AND/OR ENGINEER.

SPECIAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS AND FIELD VERIFY EXACT SCOPE OF DEMOLITION FOR ELECTRICAL SYSTEMS TO ACCOMMODATE OVERALL SCOPE OF PROJECT.
2. FIELD VERIFY EXISTING CONDITIONS. CONSULT WITH ENGINEER FOR ADJUSTMENTS TO DRAWINGS AS REQUIRED.
3. FIELD VERIFY SPACE AVAILABLE FOR NEW LIGHTING FIXTURES, CONDUITS, EQUIPMENT, ETC., AND ADJUST EXACTLY LAYOUTS, ROUTINGS, ETC. AS REQUIRED.
4. COORDINATE FOR REMOVAL AND REPAIR OF EXISTING FINISHES AND GENERAL CONSTRUCTION AS REQUIRED TO ACOMMODATE INSTALLATION OF NEW SYSTEMS AND COMPONENTS.
5. REFER TO ARCHITECTURAL ELEVATIONS FOR COORDINATION OF ALL DEVICE LOCATIONS. REVIEW DEVICE MOUNTING HEIGHTS PRIOR TO ANY ROUGH-IN. CONTRACTOR SHALL NOTIFY ARCHITECT AND/OR DESIGN ENGINEER IF DISCREPANCES ARE FOUND.
6. GUESTROOM POWER, DATA, PHONE AND/OR TV OUTLETS WILL NOT BE ALLOWED INSTALLED BACK-TO-BACK, OR IN SAME STUD SPACE. THIS REQUIREMENT IS TO MAINTAIN FIRE RATING AND PREVENT SOUND TRANSMISSION BETWEEN GUESTROOMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADJUST LAYOUT AS NECESSARY FOR DIFFERENT ROOM ORIENTATIONS TO ENSURE 6" MINIMUM CLEAR BETWEEN ELECTRICAL BOXES AND FOR BOX INSTALLATIONS TO BE IN DIFFERENT STUD SPACES. IE: WHERE SAME ROOM TYPES ARE SIDE-BY-SIDE, WITH LAYOUT MIRRORED, CONTRACTOR SHALL ADJUST DEVICE LOCATIONS TO MEET THESE REQUIREMENTS, WHILE ENSURING THAT DEVICES ARE STILL ACCESSIBLE FOR INTENDED EQUIPMENT CONNECTION.

GENERAL NOTES:

1. THESE GENERAL ELECTRICAL NOTES APPLY TO ALL ELECTRICAL SHEETS.
2. CONTRACTOR SHALL OBTAIN COPY OF HAMPTON INN BRAND STANDARDS. ALL WORK SHALL COMPLY WITH HOTEL STANDARDS AND SPECIFICATIONS, UNLESS APPROVED OTHERWISE BY OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL NOTIFY ARCHITECT AND DESIGN ENGINEER IF DISCREPANCIES ARE FOUND BETWEEN HOTEL STANDARDS AND CONSTRUCTION DOCUMENTS.
3. ALL WORK SHALL COMPLY WITH 2014 NATIONAL ELECTRICAL CODE WITH ALL AMENDMENTS, PER LOCAL AUTHORITY HAVING JURISDICTION.
4. PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS. FIELD VERIFY DIMENSIONS.
5. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. COORDINATE LOCATIONS OF CONDUITS, RACEWAYS, SUPPORTS, ETC. WITH ALL TRADES PRIOR TO ROUGH-IN. YIELD RIGHT OF WAY TO SYSTEMS REQUIRED TO BE INSTALLED AT A SLOPE.
6. PROVIDE METAL INSULATION BARRIER AROUND ALL RECESSED LIGHT FIXTURES INSTALLED IN CEILINGS WITH INSULATION THAT COULD BE IN DIRECT CONTACT WITH LIGHT FIXTURE. BARRIER SHALL BE EQUAL TO PRODUCT MANUFACTURED BY E.Z. BARRIER. BARRIER SHALL MAINTAIN 3" CLEARANCE BETWEEN INSULATION AND THE LIGHT FIXTURE.
7. COORDINATE REQUIRED CLEARANCES ABOUT AND ABOVE ELECTRICAL EQUIPMENT WITH PLUMBING, HVAC AND OTHER TRADES TO KEEP DUCTWORK, PIPING, ETC. FROM BEING INSTALLED ABOVE ELECTRICAL EQUIPMENT.
8. COORDINATE LIGHT FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE LOCATIONS OF WALL MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
9. COORDINATE WALL MOUNTED SWITCH, RECEPTACLE, TELEPHONE, DATA, AND OTHER ELECTRICAL SYSTEM DEVICE LOCATIONS WITH ARCHITECTURAL INTERIOR AND MILLWORK ELEVATION DRAWINGS PRIOR TO ROUGH-IN. ALL ROUGH-IN LOCATIONS SHALL BE APPROVED BY ARCHITECT.
10. COMMUNICATIONS OUTLETS/DEVICES (DATA AND TELEPHONE), WALL PLATES, AND ASSOCIATED PLENUM RATED WIRING SHALL BE SUPPLIED AND INSTALLED BY OTHERS UNDER A SEPARATE CONTRACT WITH THE OWNER UNLESS NOTED OTHERWISE. BOX AND CONDUIT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
11. ALL HVAC EQUIPMENT THERMOSTATS AND SENSORS AND ASSOCIATED WIRING SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOX WITH 0.75" CONDUIT TO ACCESSIBLE CEILING SPACE AT FINISHED AREAS, OR TO STRUCTURE AT UNFINISHED AREAS. REFER TO MECHANICAL DRAWINGS AND COORDINATE WITH HVAC CONTRACTOR FOR LOCATIONS. CONDUIT STUBS SHALL BE TERMINATED WITH INSULATING BUSHINGS.
13. INSTALL RECEPTACLES ADJACENT TO PHONE, DATA, TV, ETC. OUTLETS WHERE SHOWN IN SAME LOCATION.
14. ALL BRANCH CIRCUITS OR FEEDERS SHALL BE INSTALLED WITH AN EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THEM.
16. ALL LIGHT SWITCHES, FIRE ALARM SYSTEM PULL STATIONS, THERMOSTATS SHALL BE INSTALLED WITHIN 12" OF THE END OF A WALL OR DOOR OPENING. DO NOT INSTALL IN HIGHLY VISIBLE AREAS, I.E. CENTERS OF WALLS. PRIOR TO INSTALLATION AT QUESTIONABLE LOCATIONS, CONTACT THE ARCHITECT TO OBTAIN EXACT INSTALLATION LOCATIONS. ALL ROUGH-IN LOCATIONS SHALL BE APPROVED BY ARCHITECT.
17. COORDINATE WITH TELEPHONE, DATA, CABLE TELEVISION, AND OTHER ASSOCIATED VENDORS TO ESTABLISH EXACT ROUGH-IN LOCATIONS FOR ALL DEVICES.
18. PROVIDE ALL ACCESSORIES, COMPONENTS, ETC. REQUIRED FOR COMPLETE INSTALLATION OF SPECIFIED EQUIPMENT.
19. ALL CONDUCTORS SHALL BE COPPER UNLESS SPECIFICALLY NOTED OTHERWISE.
20. MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. COORDINATE WITH ALL CONTRACTORS, SUCH THAT NO ROUTE PIPING, DUCTWORK, ETC. IS INSTALLED ABOVE ELECTRICAL PANELS.
21. DRAWINGS REPRESENT FINAL RESULT. REMOVE, RELOCATE, MODIFY EXISTING EQUIPMENT, FIXTURES, WIRING, CONDUIT, ETC. AS REQUIRED. FIELD VERIFY EXISTING CONDITIONS AND EXACT REQUIREMENTS.
22. THE CONTRACTOR SHALL INCLUDE IN BID THE COSTS TO CUT, PATCH AND REPAIR EXISTING WALLS, FLOORS AND CEILING CONSTRUCTION AS REQUIRED TO INSTALL EQUIPMENT, CONDUIT, ETC.
23. SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRESTOPPING MATERIALS AND REQUIREMENTS.
24. REFER TO ARCHITECTURAL PLANS FOR WALLS/PARTITIONS WITH STC RATING AND FIRE-RATINGS. ALL FIRE-RATED PARTITIONS AND/OR ROOMS REQUIRED TO HAVE AN STC RATING (IE MEETING ROOMS, GUEST ROOMS AND ETC.) SHALL HAVE ELECTRICAL BOX PADS ON ALL ELECTRICAL BOXES AS FOLLOWS:
   - A) AT ALL NON-RATED WALLS WITH STC RATING, PROVIDE LOWRY'S ELECTRICAL BOX PAD AS MANUFACTURED BY HARRY A. LOWRY & ASSOCIATES; SUN VALLEY, CA.
   - B) AT FIRE-RATED WALLS PROVIDE:
     - 1. FIRE RATED FSR FIRESTOP PUTTY PADS AS MANUFACTURED BY HEVI-DUTI NELSON; TULSA, OK. PHONE: 510-672-7523.
     - 2. FIRESTOPPING GASKET MOUNTED TO THE BACK SIDE OF COVERPLATES UNDER THE NAME OF BIO FIRESHIELD AS MANUFACTURED BY RECTORSEAL; HOUSTON, TX. 800-231-3345.
   - C) APPLY PADS TO BACK AND SIDES OF BOXES FOR TOTAL ENCAPSULATION OF THE BOX.
   - D) ELECTRICAL BOXES IN OPPOSITE SIDES OF WALLS SHALL NOT BE INSTALLED BACK TO BACK, AND SHALL NOT BE INSTALLED IN SAME STUD CAVITY. IN ALL INSTANCES, BOXES SHALL BE A MINIMUM OF 6" APART. WHERE NECESSARY TO MEET THIS REQUIREMENT, INSTALL ADDITIONAL STUD AND/OR BLOCKING BETWEEN STANDARD STUDS.
25. CONTRACTOR SHALL SUBMIT ALL FIRE-STOPPING MATERIALS FOR REVIEW AND APPROVAL. PROVIDE COMPLETE WITH ALL LITERATURE AND SPECIFICATION INFORMATION TO CLEARLY SHOW COMPLIANCE WITH SPECIFICATIONS AND BUILDING CODES FOR INTENDED APPLICATION. REFER TO SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.

PRODUCTS:

1. LIGHT SWITCHES SHALL BE HUBBELL 1220 SERIES, 20-AMP, 120/277-VOLT, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
2. DUPLEX RECEPTACLES SHALL BE HUBBELL 5300 SERIES, 20A, 125V, NEMA CONFIGURATION 5-20R, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
3. ELECTRICAL DEVICE WALL PLATES SHALL BE HIGH IMPACT NYLON PLASTIC IN COLOR AS SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
4. EQUIVALENT WIRING DEVICES BY BRYANT, COOPER, HUBBELL AND LEVITON.

EXECUTION

1. ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT AND SHALL BE CONCEALED UNLESS OTHERWISE NOTED. PVC CONDUIT WILL BE ALLOWED BELOW SLAB AND IN GRASSY AREAS. ALL TRANSITIONS FROM PVC TO STEEL CONDUIT SHALL BE MADE BELOW GRADE. MINIMUM CONDUIT SIZE FOR LIGHTING AND POWER BRANCH CIRCUITS ABOVE GRADE SHALL BE 1/2". MINIMUM CONDUIT SIZE FOR LIGHTING AND POWER BRANCH CIRCUITS BELOW GRADE SHALL BE 3/4". CONTRACTOR SHALL HAVE THE OPTION TO USE METALLIC CLAD (M/C) CABLE FOR CONCEALED BRANCH CIRCUIT WIRING.
2. FEEDER AND BRANCH CIRCUIT WIRING SHALL BE COPPER, 600V WITH THHN/THWN INSULATION. BRANCH CIRCUIT WIRING SHALL BE #12 AWG MINIMUM. HOMERUNS FOR BRANCH CIRCUITS OVER 75 FEET LONG SHALL BE #10 AWG; OVER 100 FEET LONG, #8 AWG UNLESS INDICATED OTHERWISE.
3. ALL LIGHTING AND POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR.
4. ALL RECEPTACLES, TELECOMMUNICATIONS OUTLETS, AND TELEVISION OUTLETS SHALL BE INSTALLED AT 18" AFF TO CENTER UNLESS NOTED OTHERWISE. ALL SWITCHES SHALL BE INSTALLED AT 48" AFF TO CENTER UNLESS NOTED OTHERWISE.
5. PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL PANELBOARDS. DIRECTORY INFORMATION SHALL INCLUDE CIRCUIT NUMBER AND EQUIPMENT SERVED.
6. SEAL PENETRATIONS THROUGH FIRE RATED PARTITIONS WITH HILTI ELASTOMERIC FIRE STOP SEALANT. INSTALL IN ACCORDANCE WITH FIRE STOPPING SEALANT MANUFACTURER'S DETAILS. EQUAL BY 3M AND STI.

KEYNOTES:

1. PROVIDE WALL-MOUNT FIRE ALARM SYSTEM PHOTOELECTRIC, ADDRESSABLE SMOKE DETECTOR WITH SOUNDER BASE. SOUNDER BASE SHALL PROVIDE A MINIMUM OF 85dBA AT 3m(10FT); MINIMUM OF 75dBA "AT THE PILLOW". INSTALL FOR THE TOP OF THE SMOKE DETECTOR TO BE NO CLOSER THAN 4" TO THE CEILING AND THE BOTTOM OF THE SMOKE DETECTOR SHALL BE NO LOWER THAN 12" BELOW THE CEILING.
2. CIRCUIT NEW 120-VOLT SINGLE-PHASE CIRCUIT TO CIRCUIT BREAKER AT NEAREST AVAILABLE PANEL. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.
3. CONNECT TO EXISTING CORRIDOR LIGHTING CIRCUIT. FEILD VERIFY EXACT LOCATION AND REQUIREMENTS.
4. FIELD COORDINATE EXACT ROUGH-IN LOCATION FOR VANITY LIGHTING FIXTURES.
5. CIRCUIT NEW 208-VOLT SINGLE-PHASE CIRCUIT TO CIRCUIT BREAKER AT NEAREST AVAILABLE PANEL. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.

FIRE ALARM SYSTEM NOTES:

1. PROVIDE FIRE ALARM SYSTEM INITIATION DEVICES AND NOTIFICATION APPLIANCES. MONITORING AND CONTROL DEVICES AS INDICATED ON THE DRAWINGS AND/OR AS REQUIRED PER SPECIFICATIONS, LATEST EDITION OF NFPA 72 OR AUTHORITY HAVING JURISDICTION(AHJ).
2. ALL FIRE ALARM WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 72 AND THE NATIONAL ELECTRICAL CODE.
3. FIRE ALARM SYSTEM WIRING SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL COMPLY WITH N.E.C. ARTICLE 760.
4. SYSTEM CONNECTIONS FOR INITIATING DEVICES SHALL BE CLASS B, STYLE A; NOTIFICATION APPLIANCE CIRCUITS SHALL BE CLASS B STYLE Y.
5. ALL FIRE ALARM SYSTEM WIRING SHALL BE IN CONDUIT. PAINT FIRE ALARM CONDUIT, JUNCTION BOXES AND FITTINGS RED.
6. WHERE FIRE ALARM CABLING IS INSTALLED IN A PLENUM, FIRE ALARM SYSTEM WIRING SHALL BE INSTALLED IN CONDUIT, OR SHALL BE PLENUM-RATED.
7. FIRE ALARM SYSTEM EQUIPMENT SUBMITTALS SHALL INCLUDE PRODUCT DATA SHEETS, FIRE ALARM SYSTEM PLAN, EQUIPMENT WIRING DIAGRAMS, SEQUENCE OF OPERATIONS, VOLTAGE DROP AND BATTERY CALCULATIONS. IN ADDITION TO SUBMITTALS BEING SUBMITTED TO A/E, SUBMITTALS SHALL BE SUBMITTED TO AUTHORITY HAVING JURISDICTION(AHJ) FOR REVIEW AND APPROVAL. AN APPROVED COPY AS SUBMITTED TO AHJ SHALL ALSO BE SUBMITTED TO A/E.
8. COORDINATE WITH FIRE SPRINKLER SYSTEM CONTRACTOR. PROVIDE NUMBER OF FIRE ALARM MONITORING MODULES AS REQUIRED FOR ALL TAMPER SWITCHES AND FLOW SWITCHES.
9. FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS, AND SHALL BE INSTALLED BY PERSONS WHO ARE QUALIFIED AND EXPERIENCED IN THE INSTALLATION, INSPECTION AND TESTING OF FIRE ALARM SYSTEMS. INSTALLER SHALL HAVE A MINIMUM OF 3 YEARS OF EXPERIENCE. PERFORM OPERATIONAL SYSTEM TESTS UPON COMPLETION OF INSTALLATION. CORRECT DEFICIENCIES AND RETEST PRIOR TO OWNER OCCUPATION OF BUILDING. PROVIDE A COMPLETED NFPA 72 RECORD OF COMPLETION FORM TO THE OWNER AND AUTHORITY HAVING JURISDICTION.

FIRE ALARM SYMBOLS:

- AV — CEILING MOUNTED AUDIO/VISUAL FIRE ALARM ANNUNCIATING DEVICE
- CO — WALL/CEILING MOUNTED CARBON MONOXIDE DETECTOR MONITORED BY FIRE ALARM SYSTEM
- SD — CEILING MOUNTED SMOKE DETECTOR
- SHD — CEILING MOUNTED COMBINATION SMOKE/HEAT DETECTOR
- DD — DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBE. INSTALL AT RETURN DUCT UNLESS OTHERWISE NOTED
- FACP — FIRE ALARM SYSTEM CONTROL PANEL
- AV — WALL MOUNTED AUDIO/VISUAL FIRE ALARM ANNUNCIATING DEVICE
- FA — REMOTE ANNUCIATOR PANEL
- FS — FLOW SWITCH
- IM — FIRE ALARM SYSTEM INDIVIDUAL ADDRESSABLE MODULE
- A — ANNUNCIATING DEVICE
- TS — TAMPER SWITCH
- V — WALL MOUNTED VISUAL FIRE ALARM ANNUNCIATING DEVICE

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ELECTRICAL PLANS

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E1.1